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CLAIMS

1. A color cathode-ray tube comprising a glass front faceplate on which is deposited a screen of luminescent materials, a color-selection mask arranged  
5 close to the screen, a frame to which the mask is fixed and which holds it under tension along at least one direction, the said frame being of a substantially rectangular shape defined by a pair of opposed long sides and a pair of likewise opposed short sides, at  
10 least two sides each include an edge in the form of a metal part substantially parallel to the surface of the mask, the frame/mask assembly being held within the faceplate by support means engaging pins fixed to the faceplate, wherein at least two said means each  
15 incorporate a metal piece including a first portion extending over one of the surfaces of said metal part, said first portion being secured, for example by welding, to the metal part and at least one second portion extending in a direction substantially  
20 perpendicular to the surface of the mask.

2. The cathode-ray tube as defined in claim 1, wherein the support means are arranged at the corners of the frame.  
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3. The cathode-ray tube as defined in claim 1, wherein the mask is held under tension between the long sides of the frame.

30 4. The cathode-ray tube as defined in claim 3, wherein the sides including an edge in the form of a metal part substantially parallel to the surface of the mask are the short sides of the frame.

5. The cathode-ray tube as defined in claim 1, wherein the coefficients of thermal expansion of the materials constituting the frame and the support means are different.

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6. The cathode-ray tube as defined in claim 5, wherein the coefficient of thermal expansion of the metal piece of the support means is higher than that of the edges of the frame onto which it is welded.

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7. The cathode-ray tube as defined in claim 1, wherein the first portion of the metal piece of the support means is welded to the surface of the metal part opposite the mask.

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8. The cathode-ray tube as defined in claim 1, which includes four support means each incorporating a metal piece.